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*Indian Standard*

# GLOSSARY OF TERMS RELATING TO SEWING MACHINES FOR HOUSEHOLD PURPOSES

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INDIAN STANDARDS INSTITUTION  
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*Indian Standard*GLOSSARY OF TERMS RELATING TO SEWING  
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(Continued from page 1)

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*Indian Standard*  
**GLOSSARY OF TERMS RELATING TO SEWING  
MACHINES FOR HOUSEHOLD PURPOSES**

**0. FOREWORD**

**0.1** This Indian Standard was adopted by the Indian Standards Institution on 22 February 1973, after the draft finalized by the Sewing Machines Sectional Committee had been approved by the Mechanical Engineering Division Council.

**0.2** This standard has been prepared for the guidance of the manufacturers and consumers regarding the usage of correct nomenclature for the parts of sewing machines.

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**1. SCOPE**

**1.1** This standard specifies the nomenclature for the parts relating to sewing machines for household purpose.

## 2. NOMENCLATURE

### 2.1 Arm and Bed Assembly — See Fig. 1.

<i>Part No.</i>	<i>Name</i>
1.	Arm
2.	Arm and bed fixing screw
3.	Arm and bed fixing taper pin
4.	Arm bed hinge pin set screw
5.	Arm cover
6.	Arm cover fixing screw
7.	Bed
8.	Arm side cover
9.	Name plate fixing screw
10.	Slide plate
11.	Slide plate spring
12.	Slide plate spring screw
13.	Spool pin
14.	Spool pin pad
15.	Stitch regulator graduation plate
16.	Stitch regulator graduation plate fixing screw

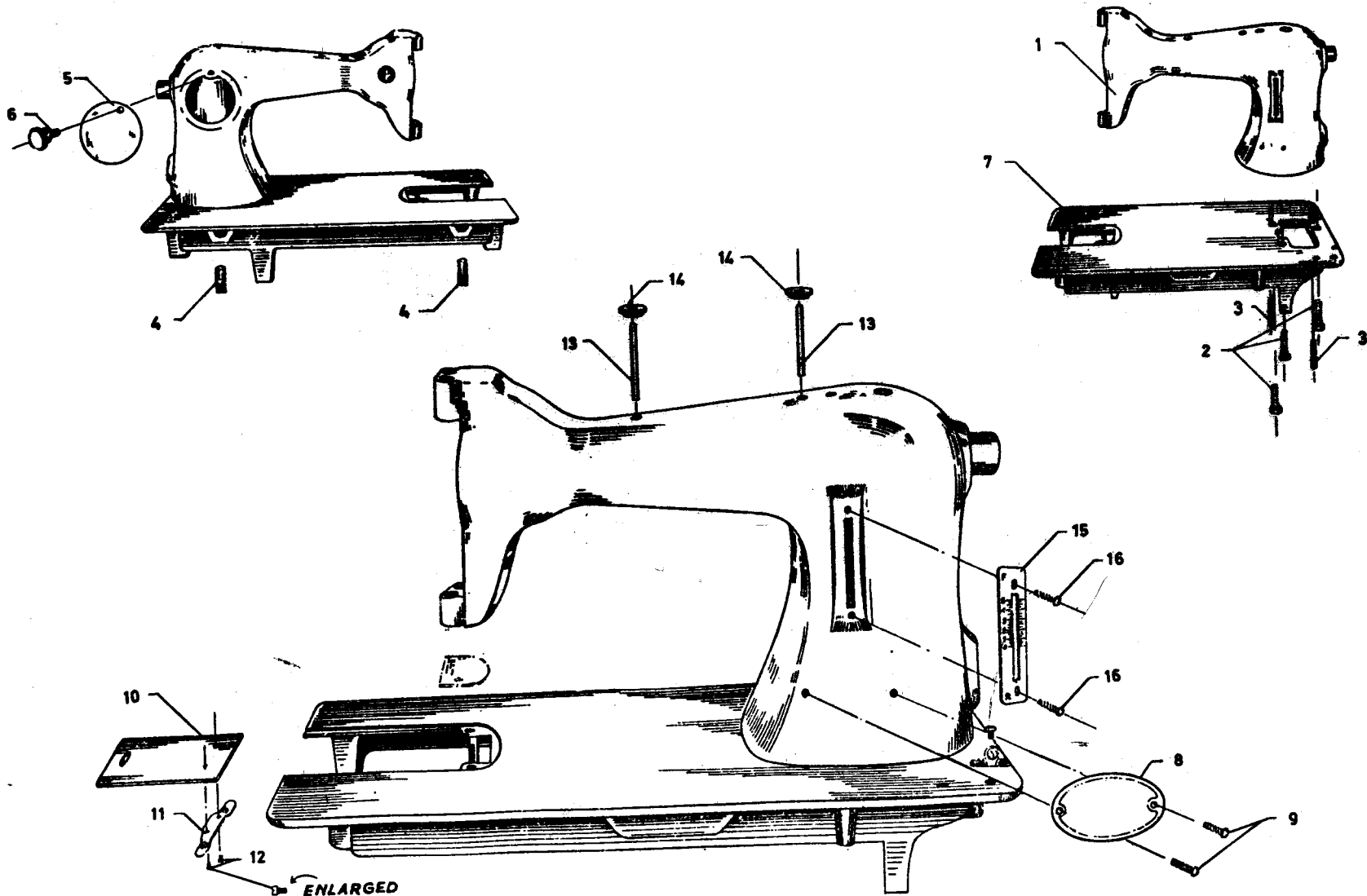


FIG. 1 ARM AND BED ASSEMBLY

**2.2 Arm Shaft Assembly — See Fig. 2.**

<i>Part No.</i>	<i>Name</i>
1.	Arm shaft
2.	Feed cam
3.	Feed cam set screw
4.	Arm shaft front bush
5.	Arm shaft front bush set screw
6.	Flywheel bush
7.	Flywheel bush fixing screw
8.	Flywheel bush pin
9.	Needle bar link fixing nut
10.	Needle bar link fixing screw
11.	Thread take up cam
12.	Thread take up cam fixing pin ( screw

**2.3 Bobbin Winder Assembly — See Fig. 3.**

<i>Part No.</i>	<i>Name</i>
1.	Belt guard
2.	Belt guard fixing screw
3.	Bobbin spindle
4.	Bobbin spindle pin
5.	Bobbin winder frame
6.	Bobbin winder frame hinge screw
7.	Bobbin winder frame spring, left hand
8.	Bobbin winder frame spring, right hand
9.	Bobbin winder frame stop screw
10.	Bobbin winder lever
11.	Bobbin winder pulley
12.	Bobbin winder pulley set screw
13.	Disconnecting lever
14.	Disconnecting lever hinge screw
15.	Disconnecting lever spring
16.	Rubber ring

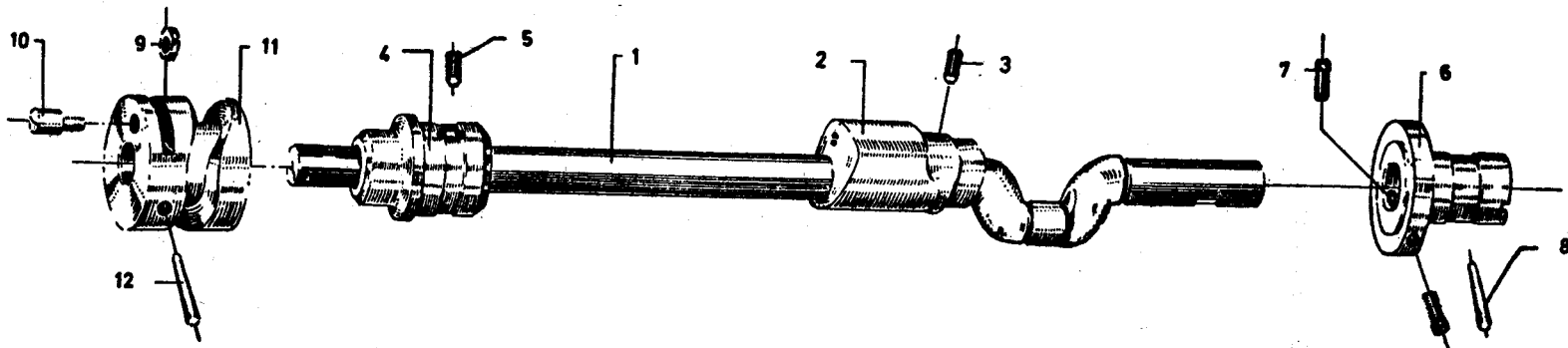


FIG. 2 ARM SHAFT ASSEMBLY

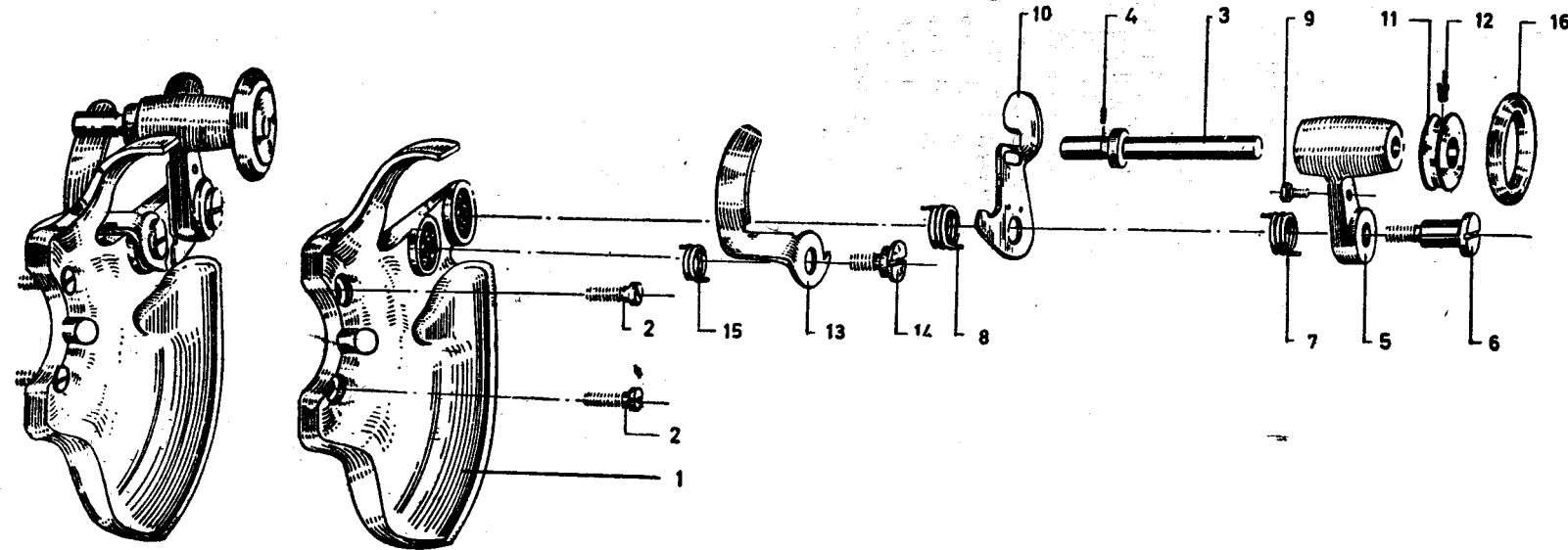


FIG. 3 BOBBIN WINDER ASSEMBLY

**2.4 Connecting Rod and Oscillating Rock Shaft Assembly — See Fig. 4 and 4A.**

<i>Part No.</i>	<i>Name</i>
1.	Connecting rod
2.	Connecting rod cap screw
3.	Connecting rod hinge nut
4.	Connecting rod hinge screw
5.	Oscillating rock shaft
6.	Centre pin fixing screw
7.	Centre pin

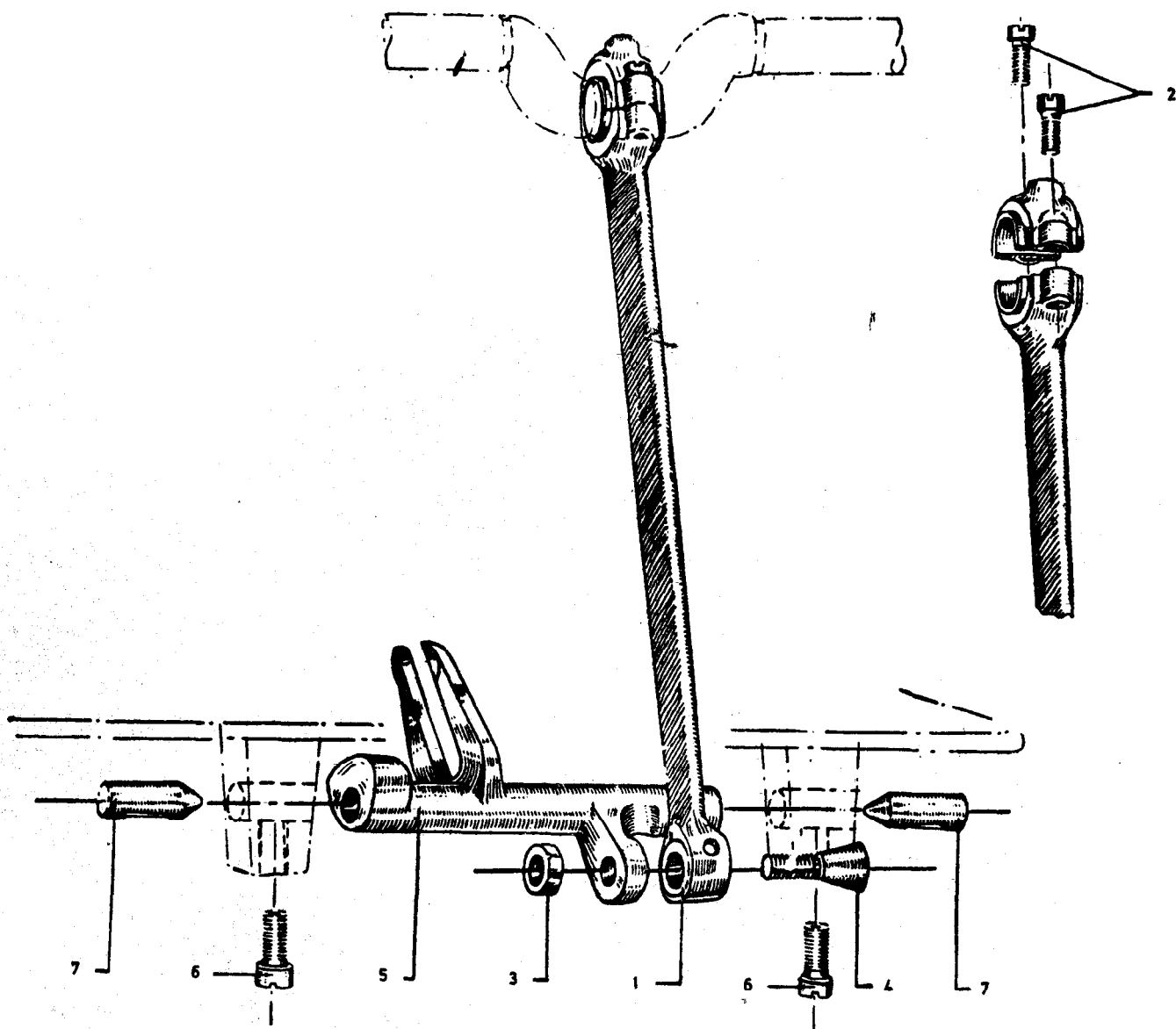


FIG. 4 CONNECTING ROD AND OSCILLATING ROCK SHAFT ASSEMBLY

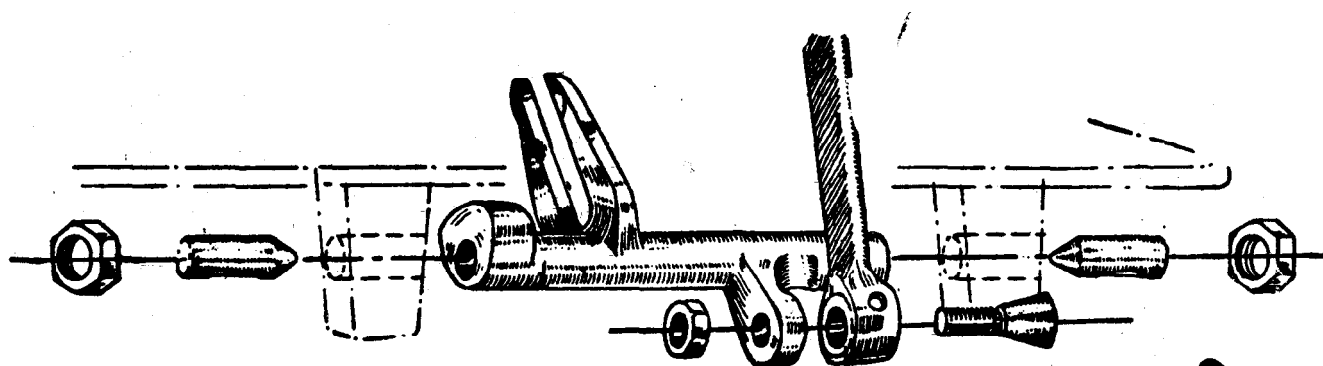


FIG. 4A ALTERNATIVE DESIGN

**2.5 Face Plate and Tension Assembly — See Fig. 5.**

<i>Part No.</i>	<i>Name</i>	<i>#</i>
1.	Check spring	
2.	Face plate	
3.	Face plate fixing screw	
4.	Tension disc	
5.	Tension disconnecting disc	
6.	Tension disconnecting pin	
7.	Tension nut	
8.	Tension pin holder screw	
9.	Tension screw stud	
10.	Tension spring	
11.	Tension spring cover	
12.	Tension spring housing	
13.	Tension spring housing screw	
14.	Thread eyelet	
15.	Thread eyelet pin	
16.	Thread guide	
17.	Thread guide holder	

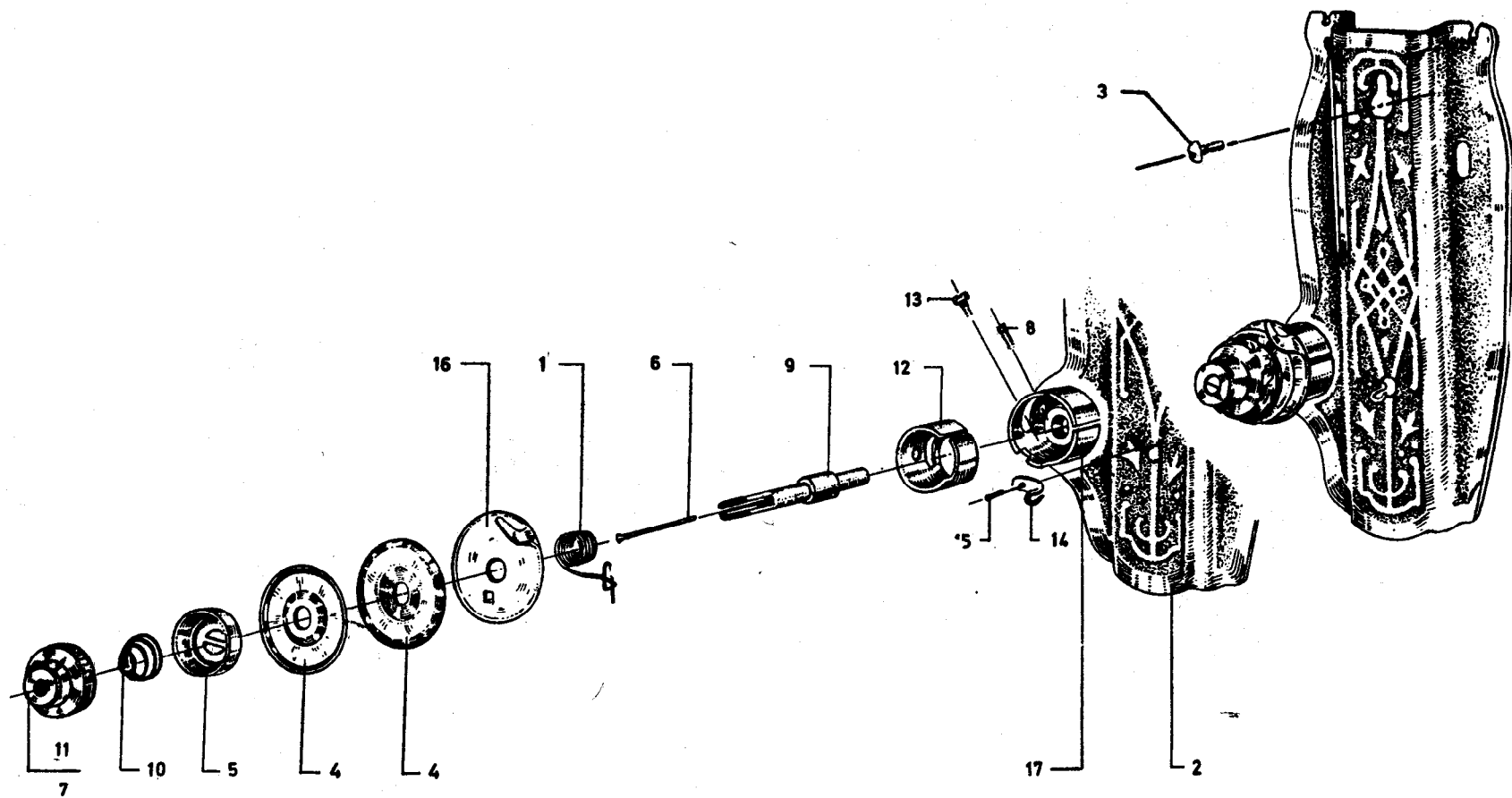


FIG. 5 FACE PLATE AND TENSION ASSEMBLY

**2.6 Feed Fork, Feed Rock Shaft and Feed Lifting Rock Shaft Assembly — See Fig. 6 and 6A.**

<i>Part No.</i>	<i>Name</i>
1.	Feed dog
2.	Feed dog fixing screw
3.	Feed bar
4.	Feed dog holder nut
5.	Feed dog holder set screw
6.	Feed fork
7.	Feed fork connecting hinge screw
8.	Feed fork connecting nut
9.	Feed holder roller
10.	Feed lifting rock shaft
11.	Feed lifting rock shaft centre set screw
12.	Feed lifting rock shaft crank
13.	Feed lifting rock shaft crank clamp screw
14.	Feed rock shaft
15.	Centre pin fixing screw
16.	Feed rock shaft crank
17.	Feed rock shaft crank clamp screw
18.	Needle plate
19.	Needle plate fixing screw
20.	Centre pin

**2.7 Flywheel Assembly — See Fig. 7.**

<i>Part No.</i>	<i>Name</i>
1.	Flywheel
2.	Flywheel friction ring
3.	Flywheel, small
4.	Motion disconnecting screw
5.	Stop motion screw

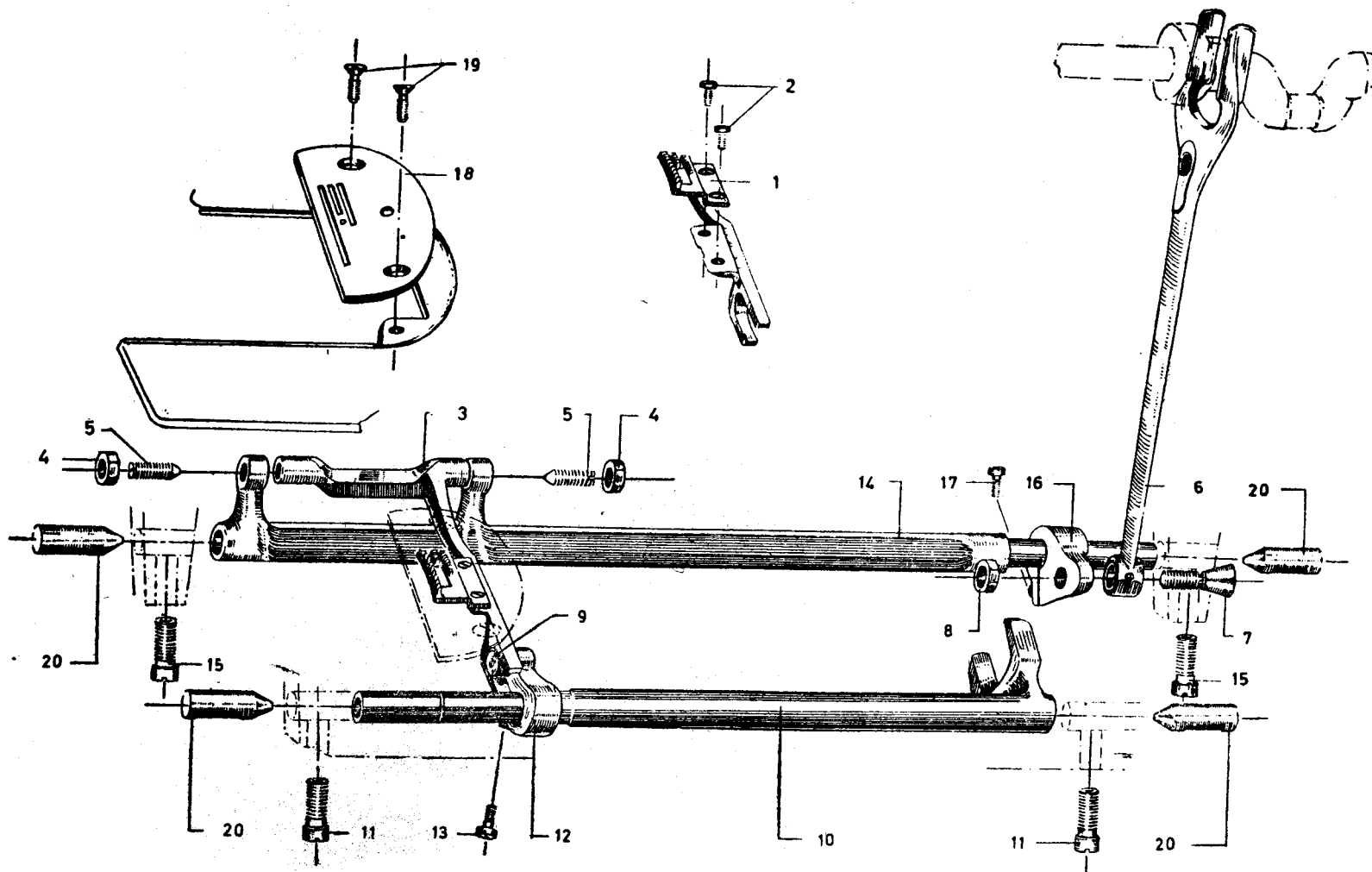


FIG. 6 FEED FORK, FEED ROCK SHAFT AND FEED LIFTING ROCK SHAFT ASSEMBLY

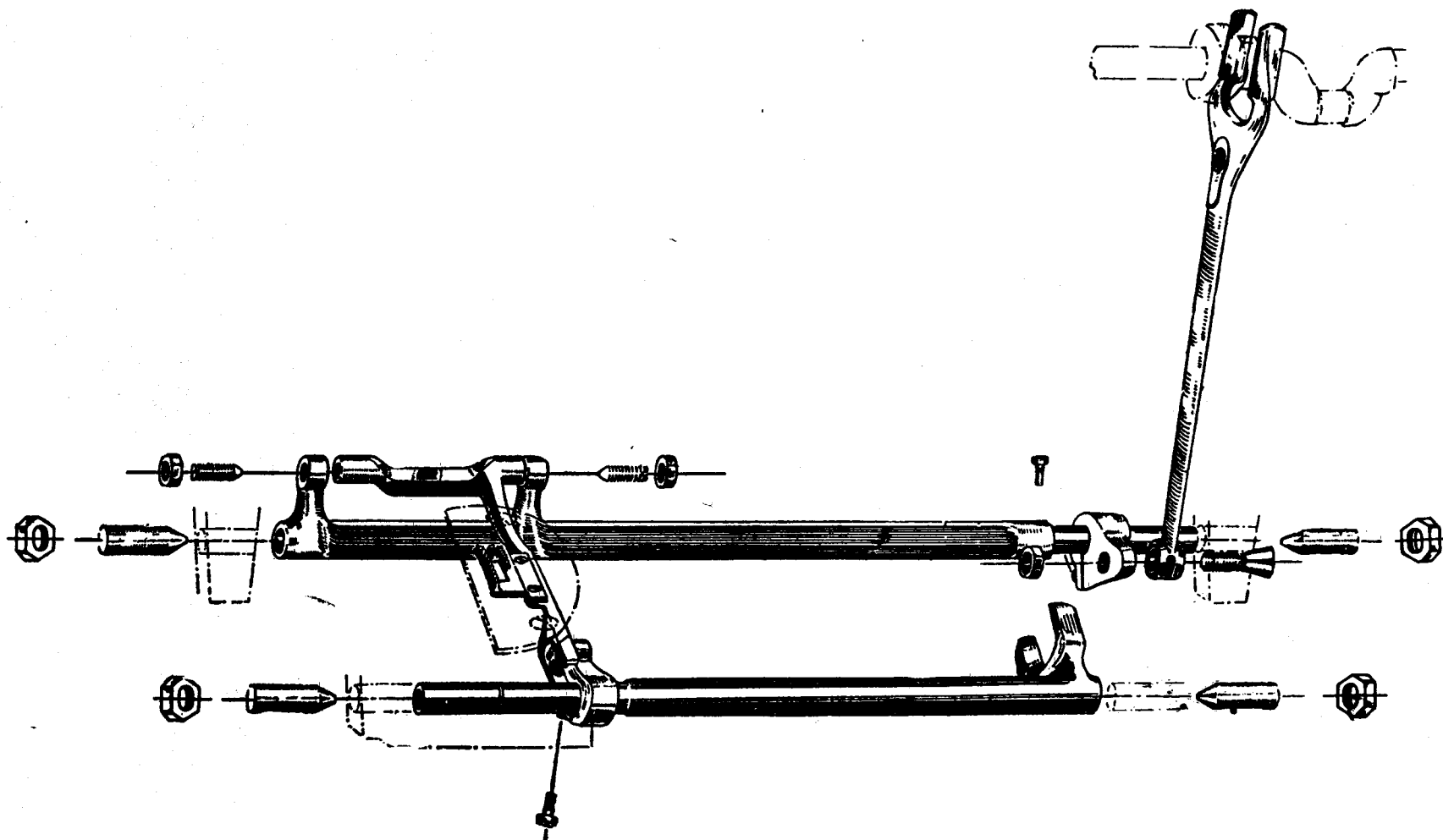


FIG. 6A ALTERNATIVE DESIGN

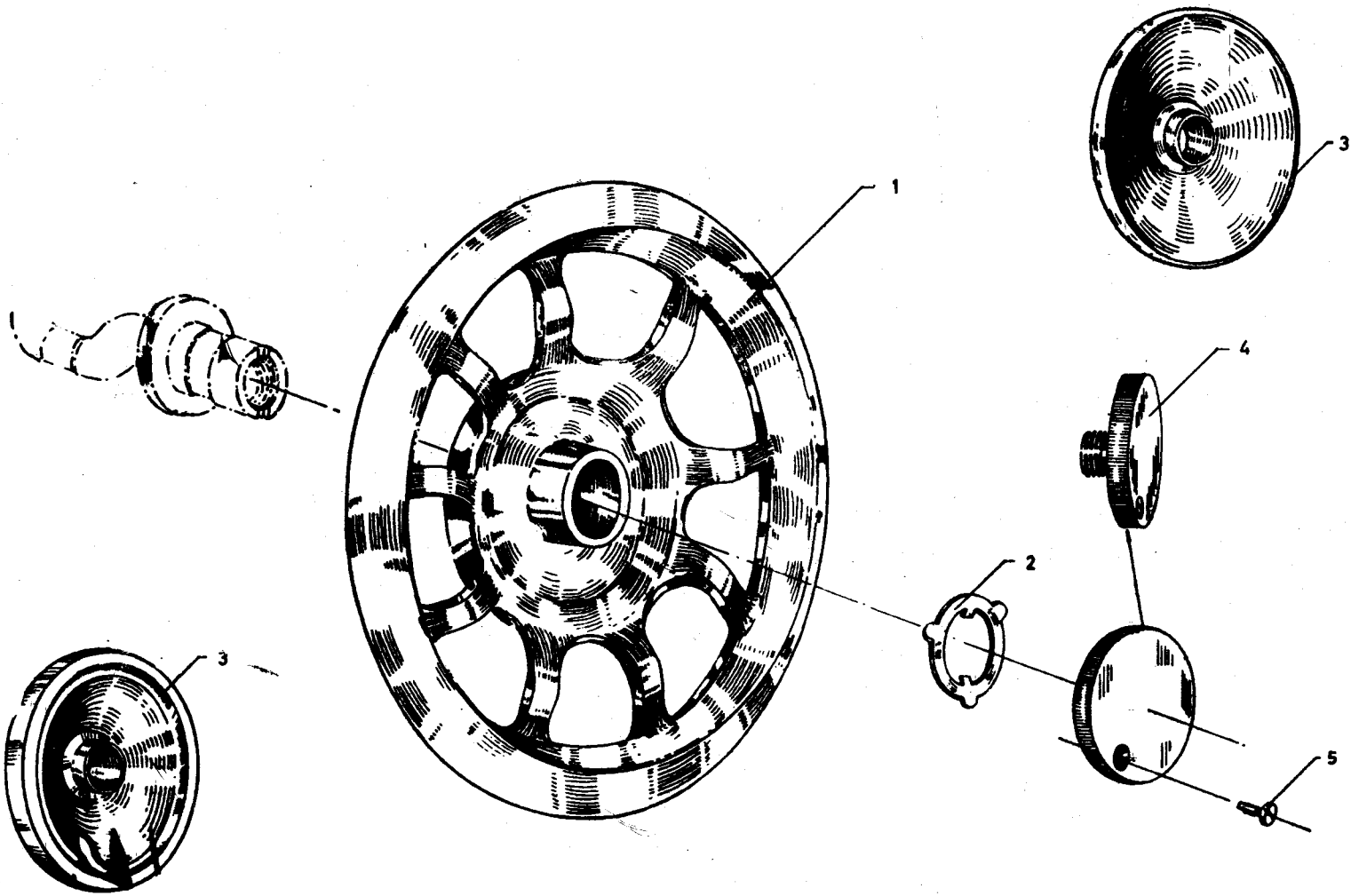


FIG. 7 FLYWHEEL ASSEMBLY

**2.8 Hand Attachment Assembly — See Fig. 8.**

<i>Part No.</i>	<i>Name</i>
1.	Driving lever
2.	Driving lever catch
3.	Driving lever catch pin
4.	Driving lever catch piston
5.	Driving lever catch screw
6.	Driving lever catch spring
7.	Driving lever spring
8.	Hand attachment bracket
9.	Hand attachment bracket screw
10.	Hand attachment frame
11.	Hand attachment frame cover
12.	Hand attachment frame cover fixing screw
13.	Hand attachment frame fixing screw
14.	Hand attachment handle fixing screw
15.	Handle
16.	Handle driver
17.	Handle driver bush
18.	Handle driver nut
19.	Large gear
20.	Large gear pin
21.	Large gear piston
22.	Large gear piston nut
23.	Large gear piston spring
24.	Large gear screw
25.	Locating plug
26.	Small gear
27.	Small gear screw

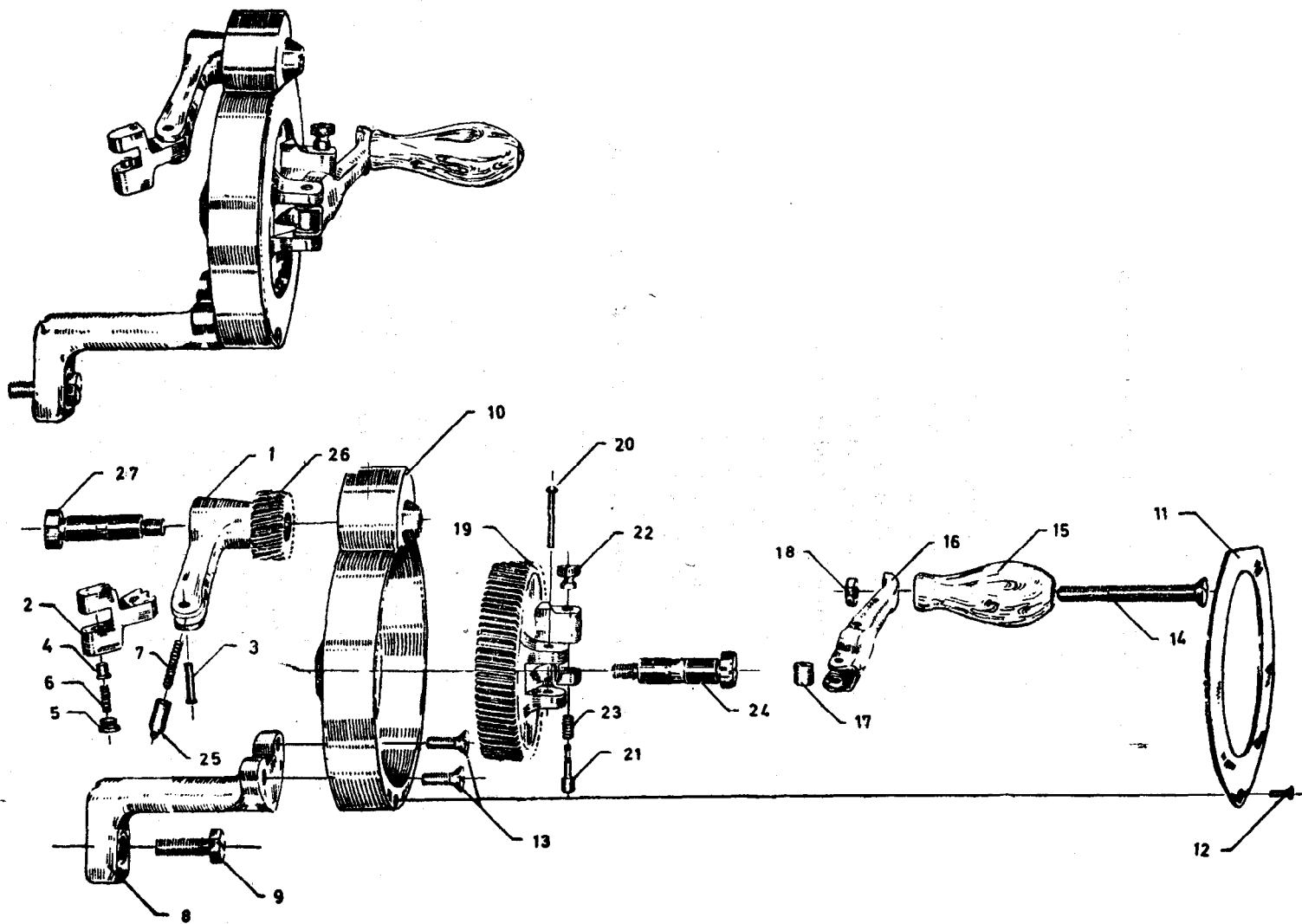


FIG. 8 HAND ATTACHMENT ASSEMBLY

**2.9 Needle and Thread Take-Up Lever Assembly —**  
*See Fig. 9.*

<i>Part No.</i>	<i>Name</i>
1.	Needle
2.	Needle bar
3.	Needle bar thread guard
4.	Needle bar thread guard set screw
5.	Needle bar link
6.	Needle bar link set screw
7.	Needle bar link stud
8.	Needle bar link stud set screw
9.	Needle clamp
10.	Needle clamp set screw
11.	Thread take up lever
12.	Thread take up lever hinge screw
13.	Thread take up lever roller

**2.10 Pressure Bar and Lifter Assembly — *See Fig. 10.***

<i>Part No.</i>	<i>Name</i>
1.	Pressure bar
2.	Pressure bar bracket
3.	Pressure bar bracket set screw
4.	Pressure foot ( bar ) lifter
5.	Pressure foot ( bar ) lifter pin
6.	Pressure foot ( bar ) lifter pin screw
7.	Pressure regulating thumb screw
8.	Pressure bar spring
9.	Pressure foot
10.	Pressure foot ( bar ) hinge pin
11.	Pressure foot, bottom
12.	Pressure foot, thumb screw
13.	Pressure foot, top
14.	Thread cutter

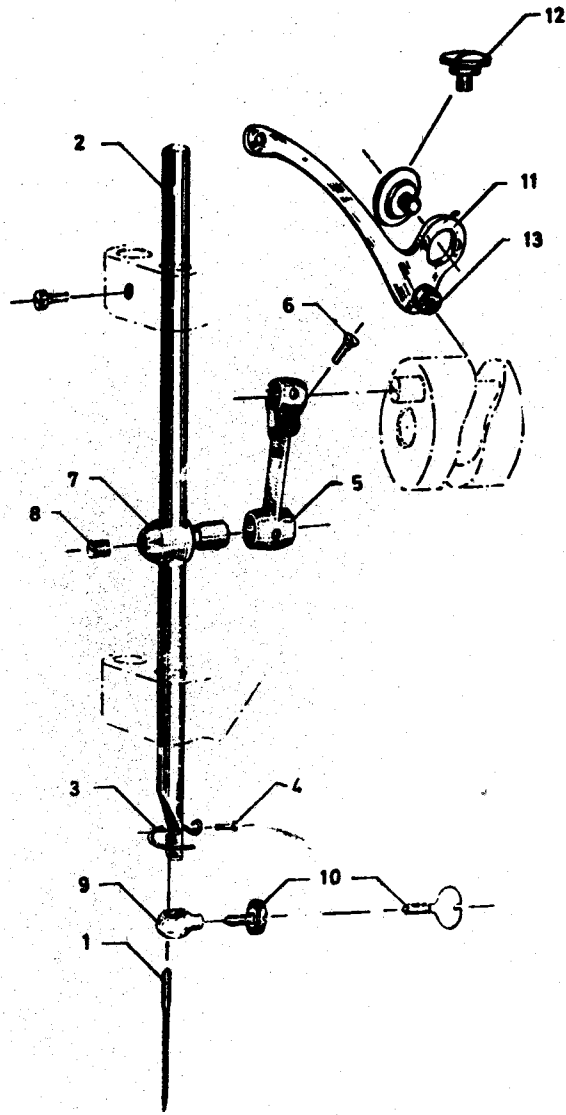


FIG. 9 NEEDLE AND THREAD TAKE-UP LEVER ASSEMBLY

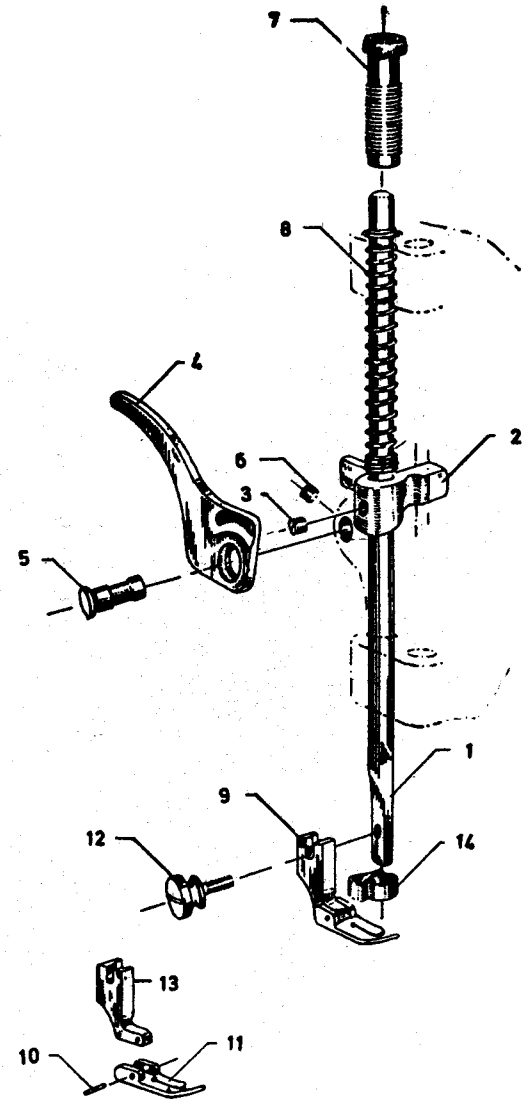


FIG. 10 PRESSURE BAR AND LIFTER ASSEMBLY

**2.11 Shuttle Driver Assembly — See Fig. 11.**

<i>Part No.</i>	<i>Name</i>
1.	Oscillating shaft
2.	Oscillating shaft crank
3.	Oscillating shaft crank fixing screw
4.	Oscillating shaft crank pin
5.	Oscillating shaft thrust collar
6.	Oscillating shaft thrust collar set screw
7.	Shuttle driver
8.	Shuttle driver pin
9.	Shuttle driver spring
10.	Shuttle driver spring fixing screw
11.	Square slider

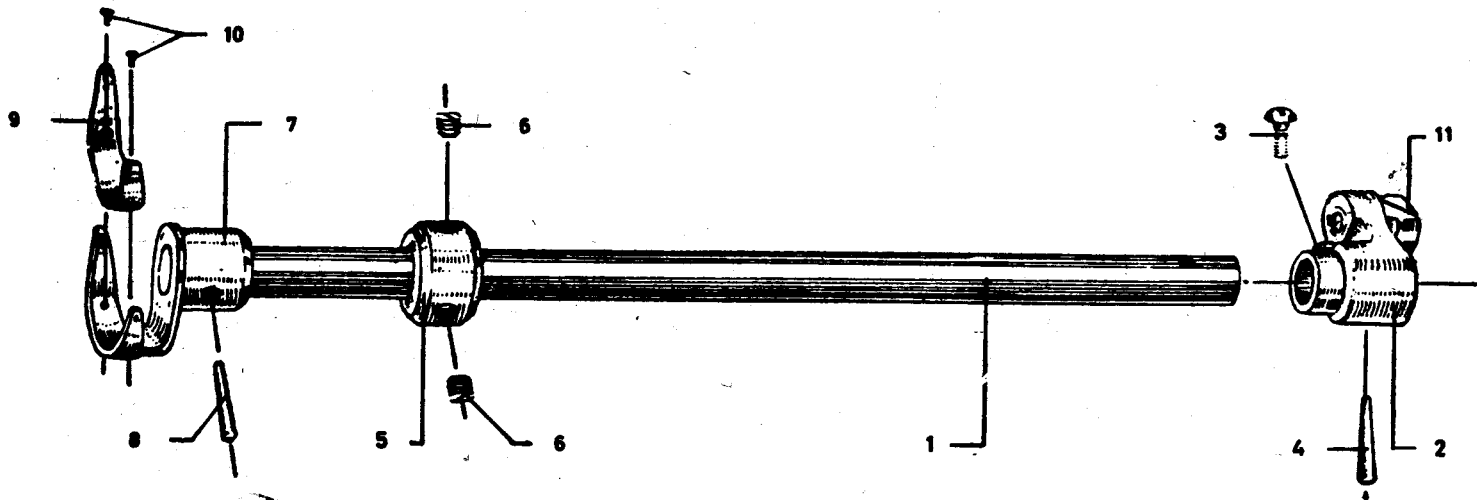


FIG. 11 SHUTTLE DRIVER ASSEMBLY

**2.12 Shuttle Race and Bobbin Case Assembly — See Fig. 12.**

<i>Part No.</i>	<i>Name</i>
1.	Bobbin
2.	Bobbin case
3.	Bobbin case thread tension regulating spring
4.	Bobbin case thread tension regulating spring screw
5.	Bobbin case latch
6.	Latch spring
7.	Latch stop screw
8.	Shuttle
9.	Shuttle race
10.	Shuttle race fixing screw
11.	Shuttle race ring
12.	Shuttle race ring pin
13.	Shuttle race ring spring
14.	Shuttle race ring spring set screw
15.	Shuttle race top plate
16.	Shuttle race top plate fixing screw
17.	Latch lever

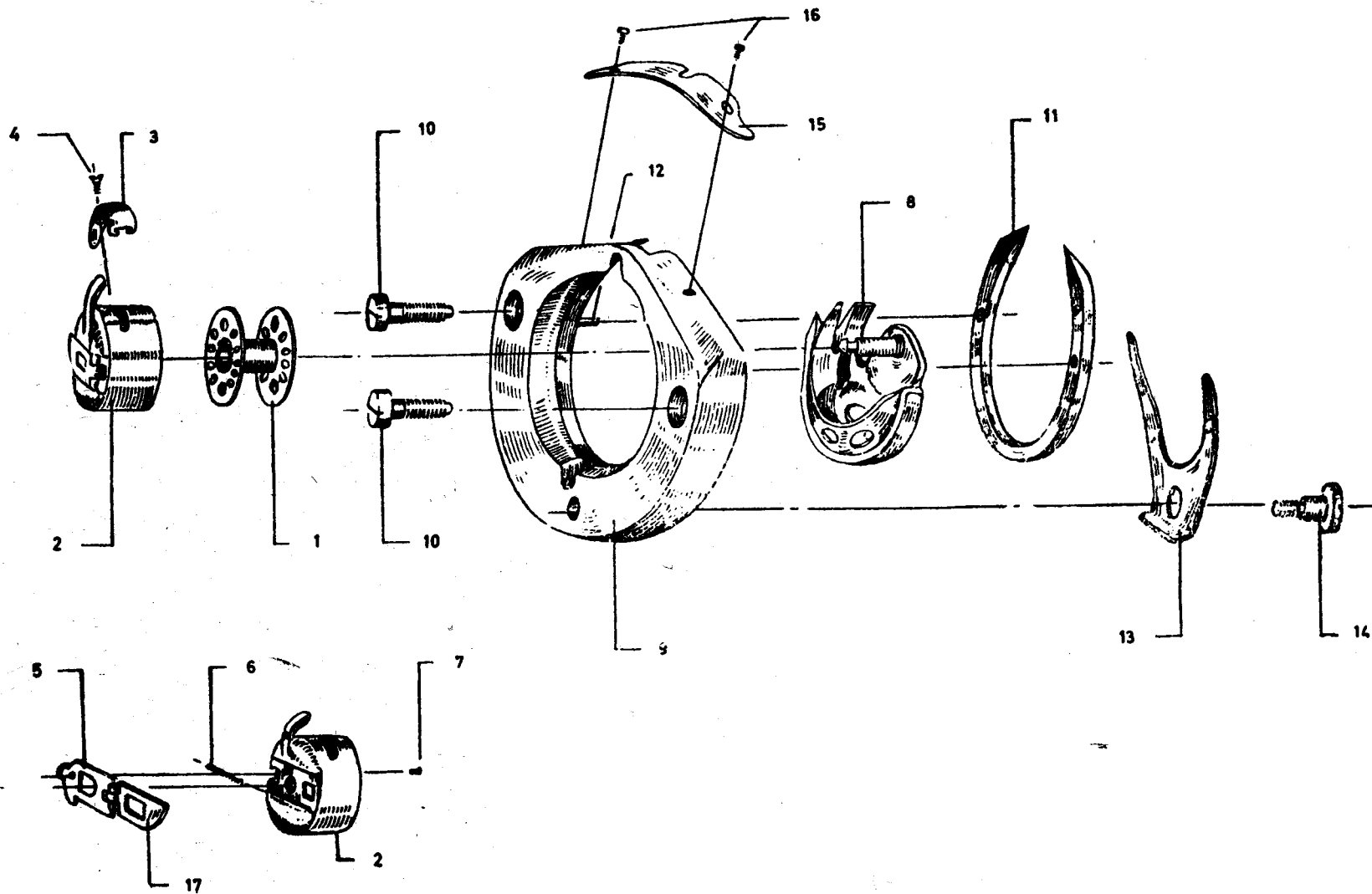


FIG. 12 SHUTTLE RACE AND BOBBIN CASE ASSEMBLY

**2.13 Tension Angle Assembly — See Fig. 13.**

<i>Part No.</i>	<i>Name</i>
1.	Tension angle
2.	Tension angle fixing screw
3.	Tension spring
4.	Tension washer, large
5.	Tension washer screw
6.	Tension washer, small

**2.14 Stitch Regulator Assembly — See Fig. 14.**

<i>Part No.</i>	<i>Name</i>
1.	Feed fork fixing screw
2.	Stitch regulator
3.	Stitch regulator bush
4.	Stitch regulator bush fixing screw
5.	Stitch regulator hinge screw
6.	Stitch regulator nut
7.	Stitch regulator screw
8.	Stitch regulator spring washer
9.	Stitch regulator square slider
10.	Stitch regulator stop piece
11.	Stitch regulator stop piece spring
12.	Stitch regulator stop piece washer

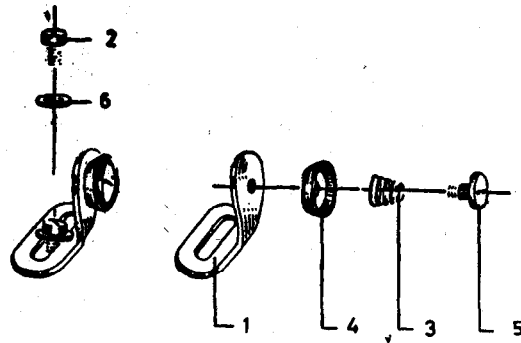


FIG. 13 TENSION ANGLE ASSEMBLY

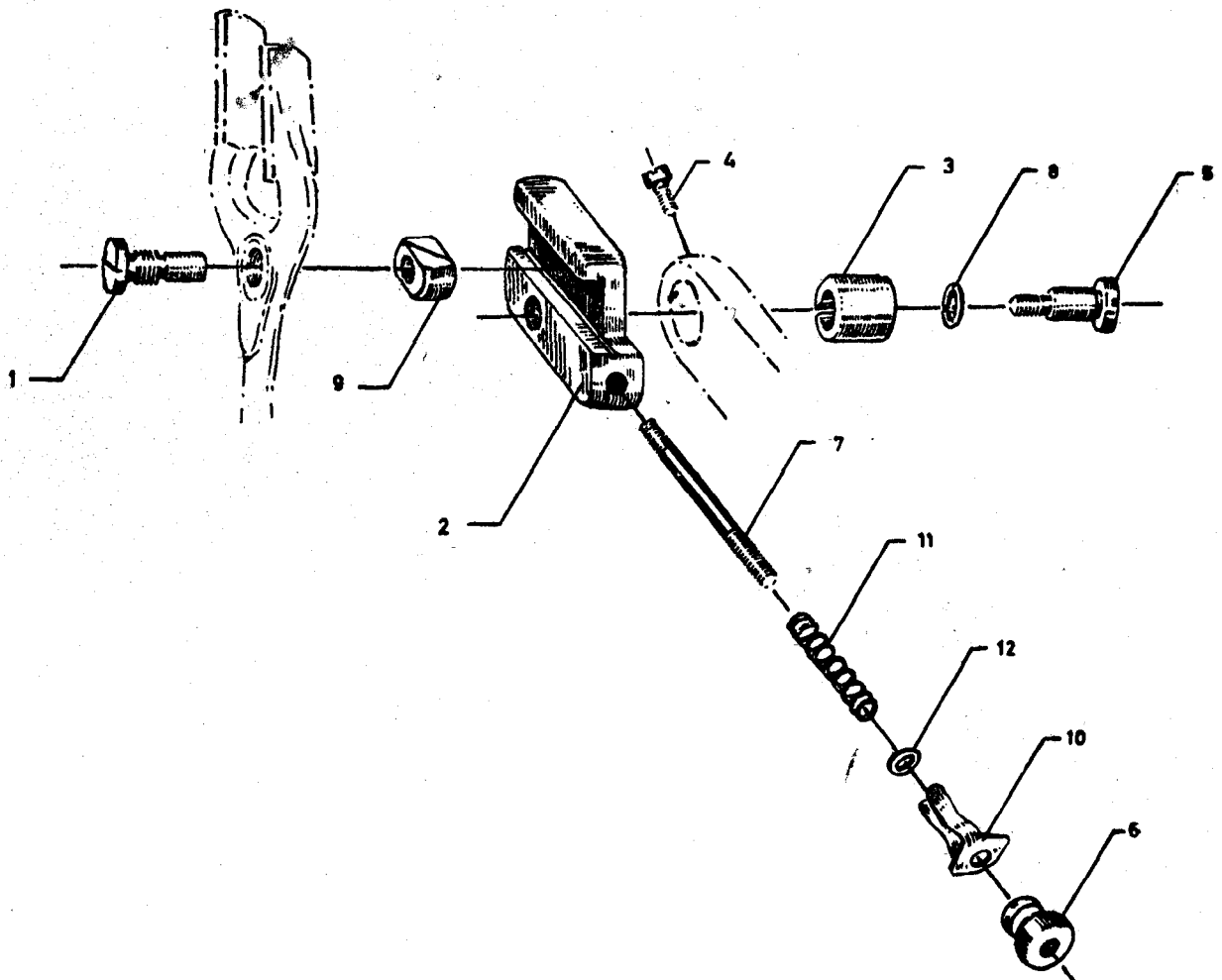


FIG. 14 STITCH REGULATOR ASSEMBLY

**2.15 Feed Drop Assembly — See Fig. 15.**

<i>Part No.</i>	<i>Name</i>
1.	Feed drop check spring
2.	Feed drop graduation plate
3.	Feed drop graduation plate fixing screw
4.	Feed drop knob
5.	Feed drop knob fixing screw
6.	Feed drop lever
7.	Feed drop lever hinge screw
8.	Feed drop link
9.	Feed drop plug
10.	Feed drop plug hinge screw
11.	Feed drop plate
12.	Feed drop plate spring
13.	Feed drop spring
14.	Feed holder roller
15.	Feed lifting rock shaft
16.	Feed lifting rock shaft crank
17.	Feed lifting rock shaft crank fixing screw
18.	Stud
19.	Thrust collar
20.	Thrust collar set screw

**2.16 Patch Darner Assembly — See Fig. 16.**

<i>Part No.</i>	<i>Name</i>
1.	Presser adjuster
2.	Presser adjuster release bush
3.	Presser adjuster screw
4.	Presser adjuster screw spring
5.	Steel balls
6.	Washer

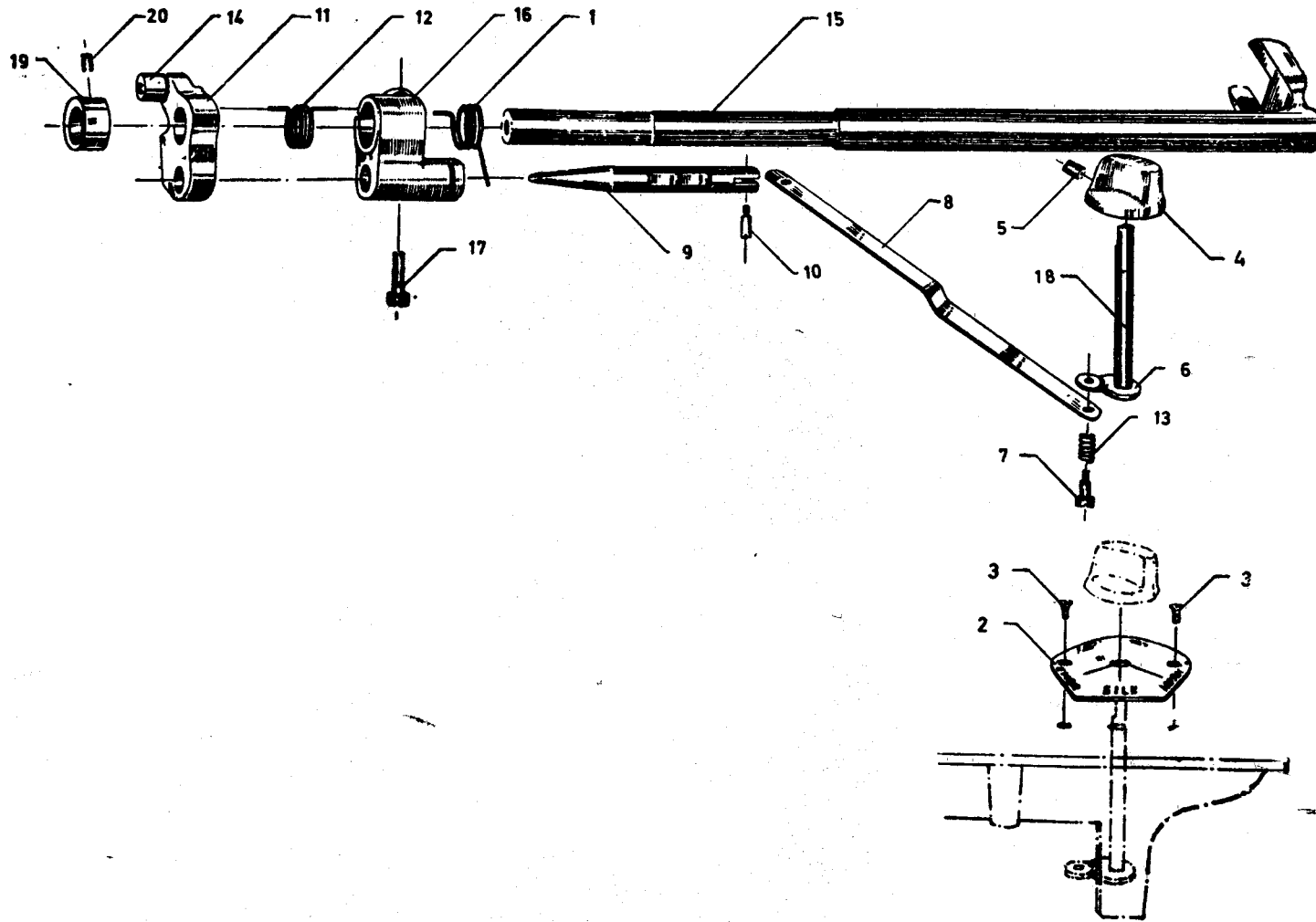


FIG. 15 FEED DROP ASSEMBLY

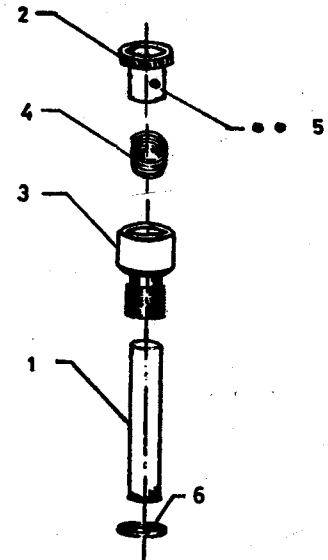


FIG. 16 PATCH DARNER ASSEMBLY

**2.17 Base Assembly — See Fig. 17.**

<i>Part No.</i>	<i>Name</i>
1.	Base
2.	Base catch
3.	Base lid
4.	Base lid key
5.	Base lid key washer
6.	Base lid tongue
7.	Base tray
8.	Bottom plate
9.	Hinge body
0.	Hinge body fixing screw
1.	Hinge pin
2.	Hook holder
3.	Rubber pad
4.	Washer
5.	Hinge lever

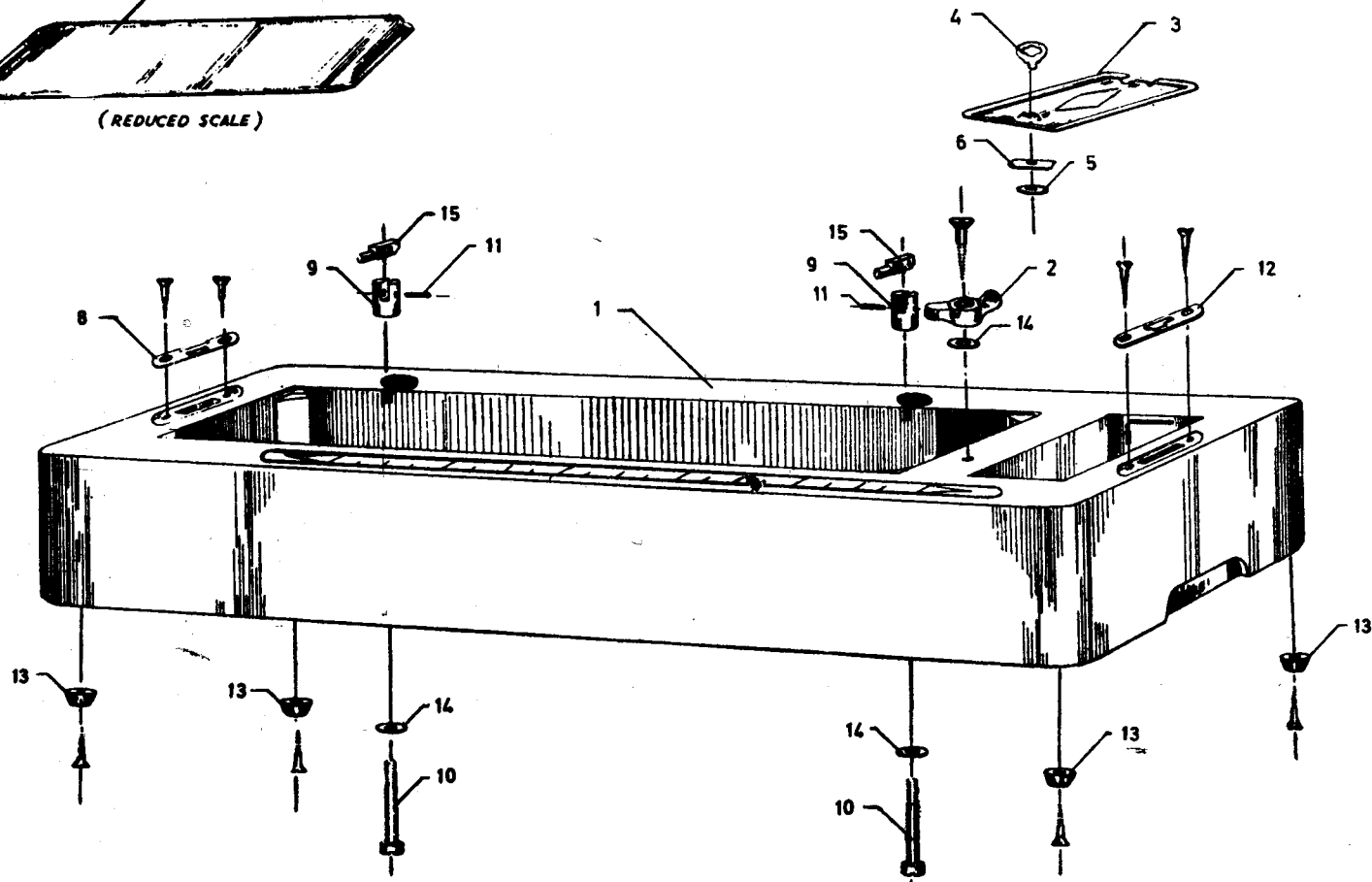
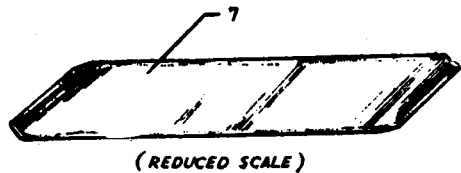


FIG. 17 BASE ASSEMBLY

## 2.18 Cover Assembly — See Fig. 18.

<i>Part No.</i>	<i>Name</i>
1.	Cover
2.	Eyelet guide
3.	Handle
4.	Handle plate bottom
5.	Handle plate top
6.	Handle rod
7.	Handle side link
8.	Hook
9.	Key
10.	Lock
11.	Lock cover, back
12.	Lock cover, front
13.	Lock holder
14.	Locking lever
15.	Locking lever plate
16.	Rubber stud
17.	Stud
18.	Stud nut
19.	Stud pin

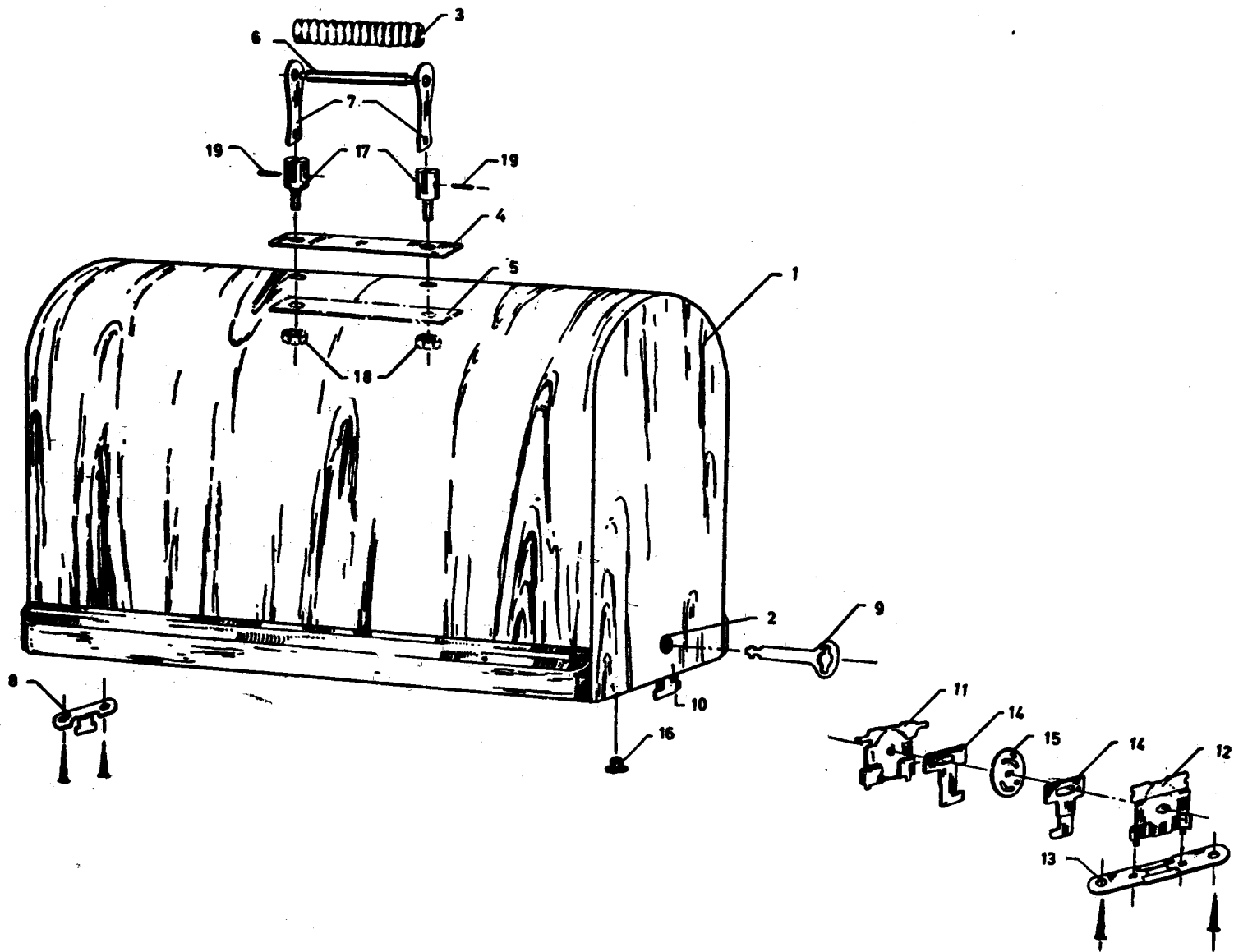


FIG. 18 COVER ASSEMBLY

**2.19 Table Assembly — See Fig. 19.**

<i>Part No.</i>	<i>Name</i>
1.	Bottom plate
2.	Drawer
3.	Drawer guide
4.	Drawer lock
5.	Drawer lock body
6.	Drawer lock cover plate
7.	Drawer lock lever
8.	Drawer lock plate
9.	Drawer lock rivet
10.	Hinge body
11.	Hinge body pin
12.	Hinge lever
13.	Hook holder
14.	Table
15.	Tray
16.	Nut
17.	Washer

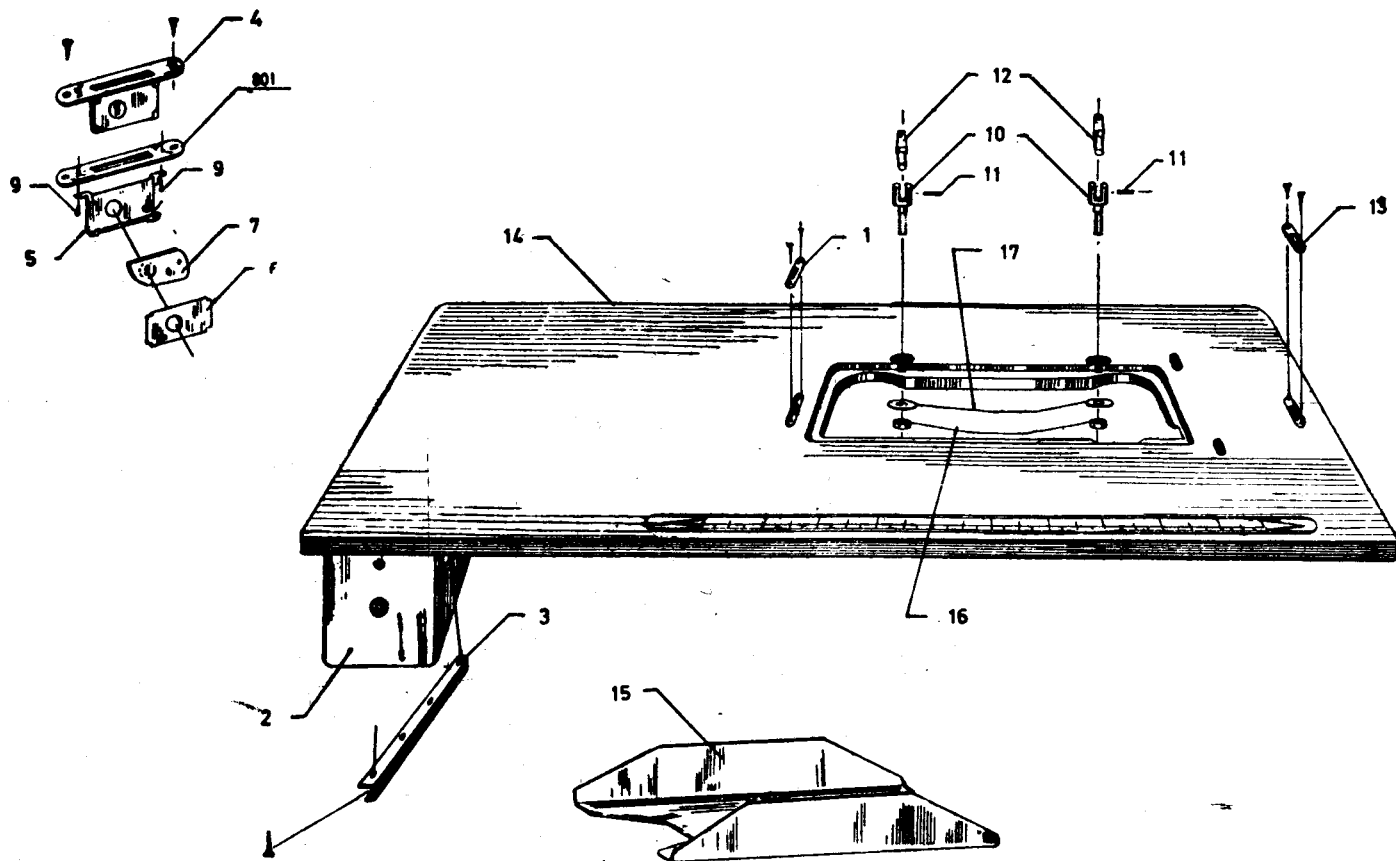


FIG. 19 TABLE ASSEMBLY

**2.20 Centre Brace Assembly — See Fig. 20.**

<i>Part No.</i>	<i>Name</i>
1.	Balls
2.	Bearing
3.	Bearing inner, race
4.	Bearing main, race
5.	Bearing set screw
6.	Belt guide
7.	Belt guide fixing screw
8.	Belt shifter
9.	Belt shifter screw
10.	Belt shifter spring
11.	Centre brace
12.	Crank
13.	Crank and flywheel fixing screw
14.	Crank hinge screw
15.	Crank hinge screw nut
16.	Dress guard
17.	Dress guard bolt
18.	Dress guard nut
19.	Dress guard washer
20.	Large flywheel
21.	Lower socket
22.	Lower socket nut
23.	Lower socket screw
24.	Rod
25.	Rod nut
26.	Treadle
27.	Treadle hinge screw
28.	Treadle hinge screw nut

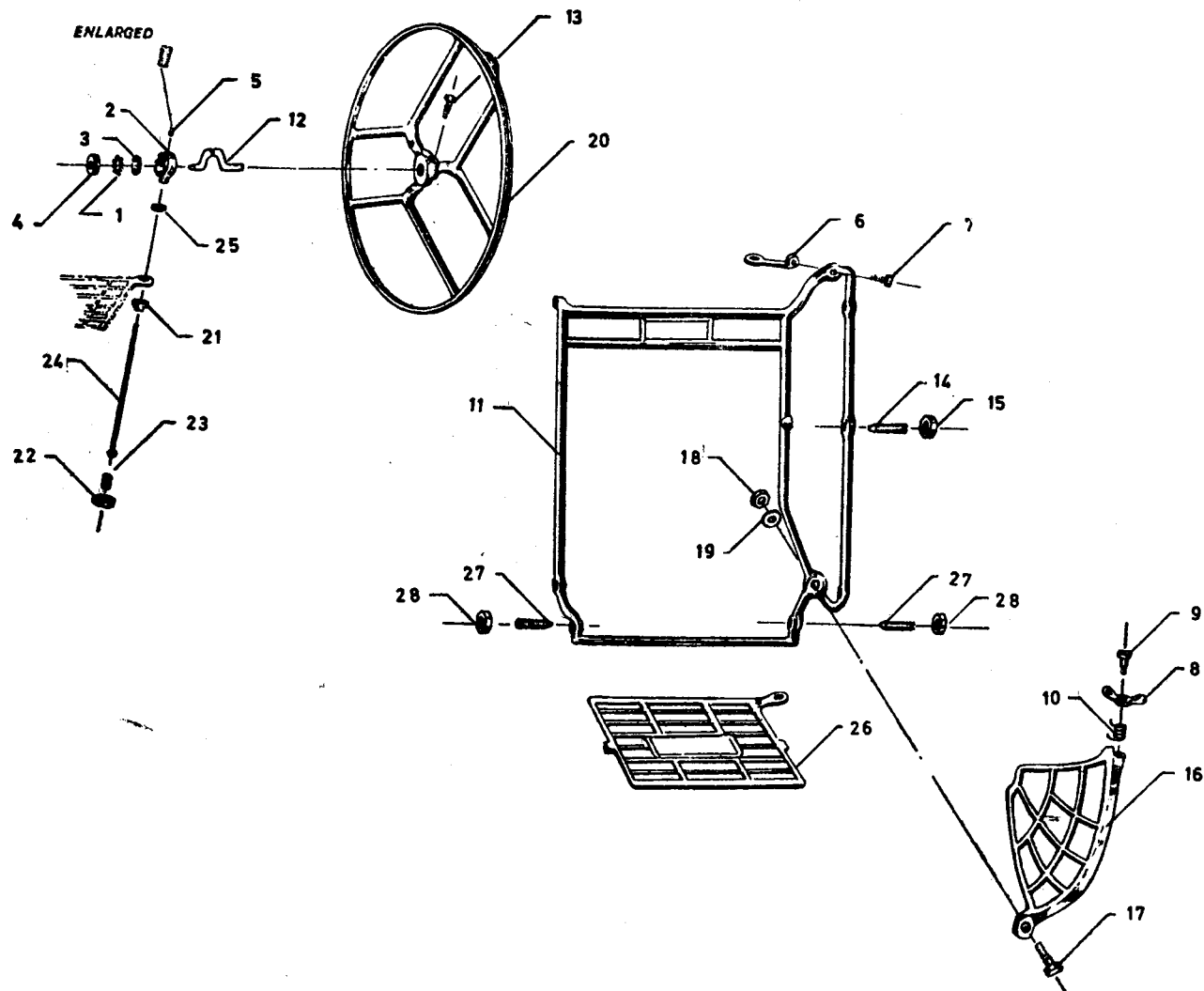


FIG. 20 CENTRE BRACE ASSEMBLY

**2.21 Stand Assembly — See Fig. 21.**

<i>Part No.</i>	<i>Name</i>
1.	Roller
2.	Roller pin
3.	Side
4.	Side fixing screw
5.	Side spring washer

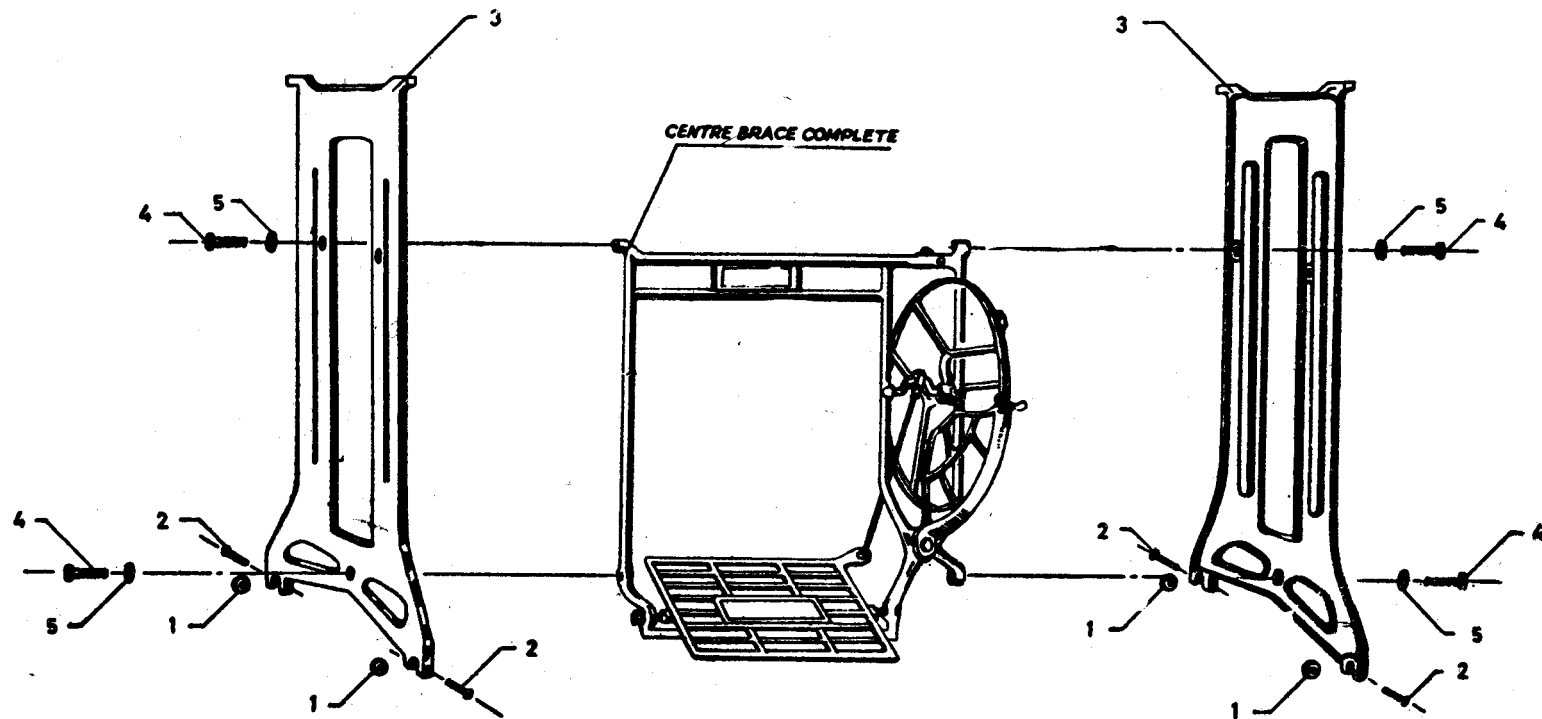


FIG. 21 STAND ASSEMBLY

